

Foil for Insulation and Technical Applications



DESCRIPTION

Foil for insulation and technical applications are manufactured from aluminium or its alloys with a thickness of between 0.00635 and 0.4 mm. The foil retains the typical features and benefits associated with aluminium products, i.e. low mass, suitability for direct contact with foodstuffs, remaining chemically stable when exposed to air and excellent barrier properties.

TYPICAL APPLICATIONS

- The manufacture of hydro-thermal insulation for swimming pools, saunas and below roof coverings.
- For the manufacture of capacitors and cable shielding within the electrical engineering industry.
- For the manufacture of laboratory equipment and apparatus.

STANDARD MANUFACTURED MATERIAL

Material Accordance with EN 573-3	Temper Accordance with EN 546-2	Thickness [mm]
EN AW-1050A [Al 99.5]	O, H18	0.00635 - 0.4
EN AW-1200 [Al 99.0]	O, H18	0.00635 - 0.4
EN AW-8011A [Al FeSi(A)]	O, H18	0.00635 - 0.4

Dimensional tolerances in accordance with EN 546-3.
Mechanical properties in accordance with EN 546-2.

The foil is supplied wound on a steel core with a diameter of 70 mm, 76 mm or 150 mm.
The foil can be cut to widths in accordance with customer requirements, the total cut widths being equal to that of the original rolled coil.

For deliveries of material not specified above please contact one of our Key Account Managers to discuss your individual needs.